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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/761,786	
	Filing Date	1/21/2004	
	First Named Inventor	Perozo et al.	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission		Attorney Docket Number	MP0795

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>  Statement Under 37 CFR 3.73(b), Change of Power of Attorney, Change of Correspondence Address, and Change of Attorney Docket Number; Copy of Assignment from Qlogic Corporation to Marvell International Ltd; and postcard
<b>Remarks</b>		The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Hamess, Dickey & Pierce, P.L.C.	Attorney Name Donald J. Daley	Reg. No. 34,313
Signature			
Date	12/2/05		



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/761,786  
Filing Date: 1/21/2004  
Applicant: Perozo et al.  
Title: System And Method For Concatenating Data  
Old Attorney Docket: QE1048  
New Attorney Docket: MP0795

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Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT UNDER 37 CFR 3.73(b), CHANGE OF POWER OF ATTORNEY, CHANGE OF  
CORRESPONDENCE ADDRESS, AND CHANGE OF ATTORNEY DOCKET NUMBER.**

**1. STATEMENT UNDER 37 CFR 3.73(b).**

Under 37 C.F.R. § 3.73(b), the undersigned hereby states that the below-named Assignee is an assignee in the above-identified Application:

Assignee: Marvell International Ltd.  
Argyle House  
41A Cedar Avenue  
Hamilton, HM12, Bermuda

The documentary evidence of a chain of title from the original owner to the Assignee is provided in the Assignment Document(s):

From: Perozo et al.  
To: QLOGIC CORPORATION  
Reel No. 014912 Frame No. 0916.

From: QLOGIC CORPORATION  
To: MARVELL INTERNATIONAL LTD.  
Filed Herewith.

**2. REVOCATION OF PRIOR POWERS OF ATTORNEY.**

I hereby revoke all prior powers of attorney in this application.

3. **APPOINTMENT OF NEW POWER OF ATTORNEY**

I hereby appoint each practitioner at Customer No. **26703** my attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

4. **CHANGE OF CORRESPONDENCE ADDRESS**

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to:

**Harness, Dickey & Pierce, PLC.  
P.O. Box 828, Bloomfield Hills, Michigan 48303  
Telephone: (248) 641-1600  
Fax: (248) 641-0270**

5. **CHANGE OF ATTORNEY DOCKET NUMBER**

I hereby request the Patent and Trademark Office to change the attorney docket number to **MP0795**.

The undersigned, whose title is supplied below, is empowered to sign this certificate on behalf of the assignee.

Date: NOV 24 2005

Signature: 

Name: (Print) CAROL FEATHERS

Title: (Print) GENERAL MANAGER

Dr. et No.: QE1048.US

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
B No. 0651-0027 (exp. 5/31/2002)  
A/REV03

01-28-2004

SHEET

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Patent and Trademark Office

Y

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102655941

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

ANGEL G. PEROZO  
THEODORE C. WHITE  
WILLIAM DENNIN

1-21-04

## 2. Name and address of receiving party(ies):

Name: QLOGIC CORPORATION

Address: 26650 ALISO VIEJO PARKWAY

22581 U.S. PTD

10/761786



012104

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

City: ALISO VIEJO

State/Prov.: CA

Country: USA

ZIP: 92656

Execution Date: 01/06/04, 01/07/04 and 01/20/04

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 01/06/04, 01/07/04

10761786

Patent Application No.

Filing date

B. Patent No.(s)

2 01/14/04

01/20/04 EFL006 00000102 10761786

01/06/04

40.00

Additional numbers

☐ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Tejinder Singh

Registration No. 39535

Address: Klein, O'Neill &amp; Singh, LLP

2 Park Plaza, Suite 510

City: Irvine

State/Prov.: CA

Country: USA

ZIP: 92614

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

11-1159

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Tejinder Singh

Name of Person Signing

Signature

Date

5

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

**ASSIGNMENT**

For valuable consideration, We, Theodore C. WHITE of Rancho Santa Margarita, California and a citizen of United States of America; William W. DENNIN of Mission Viejo, California and a citizen of United States of America; Angel G. PEROZO of Mission Viejo and a citizen of United States of America (hereinafter collectively referred to as "Assignor" and "I") hereby assign to QLOGIC, Corporation., a corporation organized and existing under and by the virtue of the laws of the State of DELAWARE and having a place of business at 26650 Aliso Viejo Parkway, Aliso Viejo, CA 92656, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention and improvements which are the subject of an application for United States Patent filed herewith, U.S. Serial No. \_\_\_\_\_, \_\_\_\_\_ entitled **SYSTEM AND METHOD FOR CONCATENATING DATA**, and related applications and patents, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, including all divisions, continuations, reissues, continuations-in-part and extensions thereof, and the right to claim priority based on the filing date of said application and based on the filing date of any provisional application of which said application claims the benefit under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents and like rights of exclusion and for inventor's certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation, upon request to perform such lawful acts, to promptly provide Assignee with all pertinent facts and documents relating to said invention or application as may be known and accessible to me, to testify in any interference or litigation related to said invention or application and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

The Assignor hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Agreement.

WITNESS my hand at 2:09 pm  
this 6<sup>th</sup> day of January, 2004.

Theodore C White  
Theodore C. WHITE

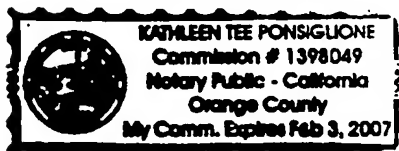
STATE OF California )  
COUNTY OF Orange ) ss

On January 6, 2004 before me, Kathleen Tee Ponsiglione personally appeared  
Theodore C. WHITE

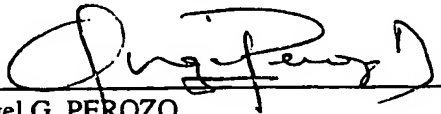
☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

K Ponsiglione  
Notary Public in and for said County and State



WITNESS my hand at 4:20 pm,  
this 7th day of January, 2004.

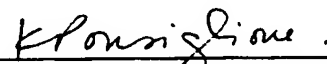
  
Angel G. PEROZO

STATE OF California )  
COUNTY OF Orange ) ss

On January 7, 2004 before me, Kathleen Tee Ponsiglione, personally appeared  
Angel G. PEROZO

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

  
Notary Public in and for said County and State



WITNESS my hand at 10:30 am,  
this 20<sup>th</sup> day of January, 2004.

William W. Dennin  
William W. DENNIN

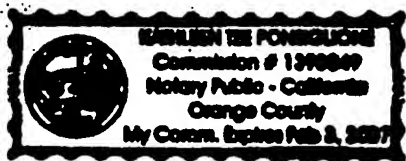
STATE OF California )  
COUNTY OF Orange ) ss

On January 20, 2004 before me, Kathleen Tee Ponsiglione personally appeared  
William W. DENNIN

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be  
the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that  
he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their  
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted,  
executed the instrument.

WITNESS my hand and official seal.

K Ponsiglione  
Notary Public in and for said County and State





## ASSIGNMENT

For valuable consideration, QLOGIC CORPORATION, a Delaware corporation having place of business at 26650 Aliso Viejo Parkway, Aliso Viejo, California, 92656 ("Assignor") hereby assigns to MARVELL INTERNATIONAL LTD., a corporation organized under the laws of Bermuda and having its registered office at Canon's Court, 22 Victoria Street, Hamilton HM 12, Bermuda ("Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of patents or applications for patent listed in Attachment A, this assignment including said patents and applications for patent, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, any reexaminations, extensions, reissues, continuations, and divisions of said patents and applications for patent, any foreign patent applications related to said patents and applications for patent, and the right to claim priority based on the filing date of said patents or applications for patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; Assignor authorizes the Assignee to apply in all countries in the name of the inventors or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and Assignor agrees for itself, its heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

QLOGIC CORPORATION,  
a Delaware corporation

By: Anthony J. Massetti  
Anthony J. Massetti  
Senior Vice President and  
Chief Financial Officer

Date: November 4, 2005

**Attachment A**

Country	Title	Serial No.	Filing Date	Patent No.	Issue Date
USA	Cylinder Defect Management System For Data Storage	07/285,808	12/16/1988	4935825	7/19/1990
USA	Buffer Memory Data Flow Controller	08/020,058	2/19/1993	5249271	9/28/1993
USA	Method And Apparatus To Determine The Log Of An Element In $Gf(2^m)$ With The Help Of A Small Adjustable Size Table	07/736461	7/26/1991	5313474	5/17/1994
USA	Method And Apparatus For Initializing An ECC Circuit	07/974,158	11/10/1992	5428627	6/27/1995
USA	System And Method For Generating Unique Sector Identifiers For An Identificationless Disk Format	08/372,072	1/12/1995	5627695	5/6/1997
USA	Circuit And Method For Rapid Checking Of Error Correction Codes Using Cyclic Redundancy Check	09/096,709	6/12/1998	6092231	7/18/2000
CA	Circuit And Method For Rapid Checking Of Error Correction Codes Using Cyclic Redundancy Check	2333386	5/27/1999		
EP	Circuit And Method For Rapid Checking Of Error Correction Codes Using Cyclic Redundancy Check	925959	5/27/1999	1090462 B1	8/3/2005
JP	Circuit And Method For Rapid Checking Of Error Correction Codes Using Cyclic Redundancy Check	2000-551486	5/27/1999		

Country	Title	Serial No.	Filing Date	Patent No.	Issue Date
USA	Systems And Methods For A Disk Controller Memory Architecture	09/547,567	4/12/2000	6330626	12/11/2001
USA	Method For Context Switching With A Disk Controller	09/548,330	4/12/2000	6401149	6/4/2002
CA	Systems And Methods For A Disk Controller Memory Architecture	2370596	5/5/2000		
EP	Systems And Methods For A Disk Controller Memory Architecture	930436	5/5/2000		
JP	Systems And Methods For A Disk Controller Memory Architecture	2000615882	5/5/2000		
KR	Systems And Methods For A Disk Controller Memory Architecture	102001-7014078			
PCT	Systems And Methods For A Disk Controller Memory Architecture	PCTUS0012433	5/5/2000		
USA	Circuit And Method For Monitoring Sector Transfers To And From Storage Medium	09/243,295	2/2/1999	6487631	11/26/2002
USA	Disk Drive Controller Circuit And Method For Skipping Defective And/Or Undesired Sectors	09/326,851	6/7/1999	6470461	10/22/2002
CA	Disk Drive Controller Circuit And Method For Skipping Defective And/Or Undesired Sectors	2375672	6/1/2000		
EP	Disk Drive Controller Circuit And Method For Skipping Defective And/Or Undesired Sectors	941177	6/1/2000		
JP	Disk Drive Controller Circuit And Method For Skipping Defective And/Or Undesired Sectors	2001502120	6/1/2000		

Country	Title	Serial No.	Filing Date	Patent No.	Issue Date
KR	Disk Drive Controller Circuit And Method For Skipping Defective And/Or Undesired Sectors	102001-7015758			
PCT	Disk Drive Controller Circuit And Method For Skipping Defective And/Or Undesired Sectors	PCTUS0015084	6/1/2000		
USA	Methods And Systems For Arbitrating Access To A Disk Controller Buffer Memory By Allocating Various Amounts Of Times To Different Accessing Units	09/275,629	3/24/1999	6530000	3/4/2003
CA	Arbitration Methods And Systems For Arbitrating Access To A Disk Controller Memory	2364625	3/23/2000		
EP	Arbitration Methods And Systems For Arbitrating Access To A Disk Controller Memory	918322			
JP	Arbitration Methods And Systems For Arbitrating Access To A Disk Controller Memory	2000607076	3/23/2000		
KR	Arbitration Methods And Systems For Arbitrating Access To A Disk Controller Memory	102001-7012114			
PCT	Arbitration Methods And Systems For Arbitrating Access To A Disk Controller Memory	PCTUS0007780	3/23/2000		
USA	Disk Controller Configured To Perform Out Of Order Execution Of Write Operations	09/643,636	8/22/2000	6826650	11/30/2004
USA	Disk Controller Configured To Perform Out Of Order Execution Of Write Operations	10/920,881	8/18/2004		

Country	Title	Serial No.	Filing Date	Patent No.	Issue Date
EP	Disk Controller Configured To Perform Out Of Order Execution of Write Operations	958970	7/17/2001		
JP	Disk Controller Configured To Perform Out Of Order Execution Of Write Operations	2002521285	7/17/2001		
KR	Disk Controller Configured To Perform Out Of Order Execution Of Write Operations	10-2003-7002436			
PCT	Disk Controller Configured To Perform Out Of Order Execution of Write Operations	PCTUS0122404	7/17/2001		
USA	Controller For A Disk Drive And Method For Writing Onto And Reading From A Disk	09/049,157	3/26/1998		
PCT	Controller For A Disk Drive And Method For Writing Onto And Reading From A Disk	PCTUS9906635	3/26/1999		
USA	Circuit And Method For Rapid Checking Of Error Correction Codes Using Cyclic Redundancy Check	09/085,765	5/27/1998		
PCT	Circuit And Method For Rapid Checking Of Error Correction Codes Using Cyclic Redundancy Check	PCTUS9911819	5/27/1999		
USA	System And Method For In-Line Error Correction For Storage Systems	10/199,911	7/19/2002	6961877	Nov-01, 2005
USA	Method And System For Using An Interrupt Controller In An Embedded Disk Controller	10/384,991	3/10/2003		

Country	Title	Serial No.	Filing Date	Patent No.	Issue Date
USA	Method And System For Automatic Time Base Adjustment For Disk Drive Servo Controllers	10/384,992	3/10/2003		
USA	Method And System For Embedded Disk Controllers	10/385,022	3/10/2003		
USA	Method And System For Supporting External Serial Port Devices Using A Serial Port Controller In Embedded Disk Controllers	10/385,039	3/10/2003		
USA	Method And System For Monitoring Embedded Disk Controller Components	10/385,042	3/10/2003		
USA	Method And System For Using An External Bus Controller In Embedded Disk Controllers	10/385,056	3/10/2003		
USA	Method And System For Collecting Servo Field Data From Programmable Devices In Embedded Disk Controllers	10/385,405	3/10/2003		
USA	System And Method For Performing Parity Checks In Disk Storage Systems	10/429,495	5/5/2003		
USA	System And Method For Transferring Data In Storage Controllers	10/619,954	7/15/2003		
USA	System And Method For Using Tap Controllers	10/686,151	10/15/2003		
USA	System And Method For Concatenating Data	10/761,786	1/21/2004		

Country	Title	Serial No.	Filing Date	Patent No.	Issue Date
USA	Method And System For Head Position Control In Embedded Disk Drive Controllers	10/793,207	3/4/2004		
USA	Servo Controller Interface Module For Embedded Disk Controllers	10/796,727	3/9/2004		
USA	Integrated Memory Controller	10/867,113	6/14/2004		
USA	System And Method For Reading And Writing Data Using Storage Controllers	10/878,803	6/28/2004		
USA	System And Method For Transferring Data Using Storage Controllers	10/893,822	7/19/2004		
USA	System And Method For Transmitting Data In Storage Controllers	10/894,143	7/19/2004		
USA	Dynamic WWN Storage Module For Storage Controllers	10/894,144	7/19/2004		
USA	System And Method For Controlling Buffer Memory Overflow And Underflow In Storage Controllers	10/894,208	7/19/2004		
USA	Power Save Module For Storage Controllers	10/965,468	10/13/2004		
USA	System And Method For Conducting BIST Operations	10/983,944	11/8/2004		
USA	Method And System For Processing Frames In Storage Controllers	10/989,060	11/15/2004		
USA	Method And System For Performing CRC	11/056,320	2/11/2005		

Country	Title	Serial No.	Filing Date	Patent No.	Issue Date
USA	Method And System For Read Gate Timing Control For Storage Controllers	11/099,746	4/6/2005		
PCT	Method And System Embedded Disk Controllers	PCTUS0407 119	3/9/2004		